



Inductive Reasoning

Self Assessment Rubric

Induction is the process of inferring unknown generalizations or principles from information or observations.

- A. *I select and describe specific pieces of information to use in making general conclusions or statements.*
4. I clearly and accurately select and describe all important pieces of information to use in making and supporting general conclusions or statements; I am careful and think in new and interesting ways when I select and use the specific pieces of information.
 3. I accurately select and describe all important pieces of information to use in making and supporting general conclusions or statements.
 2. I select some specific pieces of information that are not really important in making and supporting general conclusions or statements or I miss important pieces of information related to the conclusions or statements.
 1. I select unimportant pieces of information.
- B. *I think about the information and explain interesting ideas or meanings I find in it.*
4. I explain interesting ideas or meanings I find in the information; the ideas or meanings I find show that I have thought a lot about the information and used all my knowledge to find these interesting ideas or meanings.
 3. I explain interesting ideas or meanings I find in the information; the ideas or meanings are generally accurate and important.
 2. I explain ideas or meanings I find in the information, but some of them are inaccurate because I did not really understand the information.
 1. I explain ideas or meanings I find in the information, but they are inaccurate, don't make sense, or do not really relate to the information.
- C. *I make general conclusions from the specific pieces of information or observations.*
4. I make clear, general conclusions from the specific pieces of information or observations; the conclusions make sense and show that I understand how to think about and combine specific information and observations to come to interesting general conclusions.
 3. I make general conclusions from the specific pieces of information or observations; the conclusions generally show I have used the information or observations in a way that makes sense.
 2. I make conclusions from the specific pieces of information or observations and describe how I used the information, but some conclusions and descriptions don't make sense.
 1. I make conclusions that don't make sense, and I can't really describe how I used the information and observations.

Adapted from McREL Institute